

# AIRBR-MAX300XT



## AIRBR-MAX300XT

### *The advantages of the 11n MAX300 XT*

- Up to **60km** Range
- Up to **240Mbps** throughput, Duplex
- Easy configuration. Supplied as pre-configured pairs so that all you need to do is power them up.
- Simple design. Easy to install.
- Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the radio for sufficient power.

● **Includes brackets and power supply.**

### *What is the 11n MAX300 XT*

The 11n MAX300 XT operates at 5GHz and is an Ideal high bandwidth solution for long-range point to point links, With staggeringly high throughput, gigabit network interface and up to **60KM** distance transmission.

The 11n MAX300 XT leverages the outstanding performance of a 680MHz CPU to achieve phenomenal wireless throughput with Gigabit Ethernet connectivity.

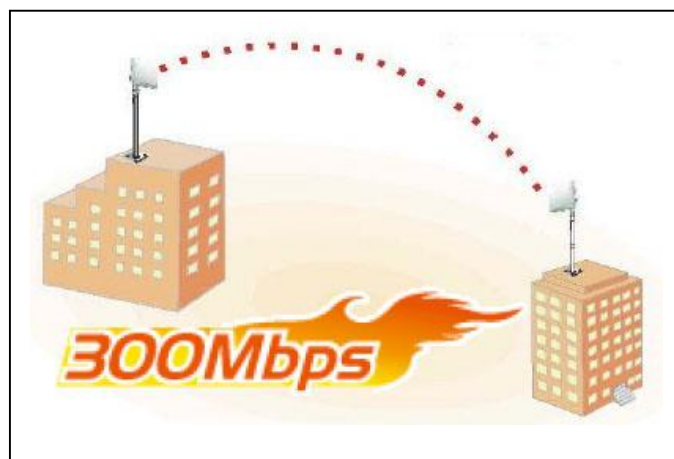
The 11n MAX300 XT is an Ideal high bandwidth solution for Long-range point to point links, enhanced features, such as MIMO, spatial multiplexing, real-time data tunnelling and reduced interframe spacing, gives the 11n MAX XT capabilities.

### *Features*

- Ø Up to 240Mbps
- Ø 300 Mbps
- Ø MIMO with spatial multiplexing
- Ø DFS (Dynamic Frequency Selection)
- Ø WEP, WPA(TKIP), WPA2(AES)
- Ø Gigabit POE
- Ø TPC (Transmit Power Control)
- Ø AP, AP Client, and Bridge
- Ø Metal case design
- Ø PTP or PTMP
- Ø WEB Management



<b>Model: AIRBR-MAX300XT11n</b>	<b>MAX300 XT link, 240Mbps, MIMO 2x2, Dual 23dBi integrated antenna</b>
<b>Radio Specs</b>	
<b>Transmission rate</b>	11n: 300, 270, 240,180, 120, 90, 60, 30Mbps 11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps
<b>MIMO</b>	2x2
<b>Modulation</b>	HT-OFDM with BPSK, QPSK, 16QAM, 64QAM
<b>Standards</b>	IEEE802.11n, IEEE802.11a
<b>Channel Size</b>	5MHz, 10MHz, 20MHz, 20/40MHz (Auto)
<b>Channel (Country Dependent)</b>	USA (FCC): 5.15GHz - 5.825GHz Europe (ETSI): 5.47GHz - 5.850GHz
<b>Operating frequency</b>	4.92Ghz ~ 6.1Ghz
<b>RF output power</b>	Up to 26dBm from port
<b>Sensitivity</b>	-82dBm@54Mbps, -74dBm@300Mbps
<b>Operating Mode</b>	AP, Station, Repeater and Bridge
<b>Antenna</b>	23dBi Integrated Dual polarized Antenna (H+V)
<b>HPBW/ Horizontal/ Vertical</b>	10° x 10°
<b>Security - Network</b>	
<b>WPA2 (AES)</b>	AES 128-BIT
<b>Legacy Encryption</b>	TKIP, WEP 64 / 128 / 152 bits
<b>802.1x</b>	Supports 802.1x Client and Server
<b>Radius</b>	Supports Radius Client, 802.11i
<b>MAC</b>	Supports MAC address filtering
<b>Qos</b>	Asymmetric Bandwidth Control
<b>Vlan</b>	802.1Q: Management, trunk, access and transparent mode
<b>Electrical – Interface</b>	
<b>LAN/WAN</b>	10/100/1000BASE-T (RJ-45) LAN Port
<b>Power</b>	6 watts (typical), 16 watts (max DC 48–56 Volt POE (included in kit 100-240vac)
<b>Management</b>	
<b>Remote Connection</b>	Web, Telnet, ssh,
<b>SNMP</b>	SNMP V2
<b>Firmware</b>	Upgradeable via web
<b>Physical</b>	
<b>Dimensions</b>	Unpacked radio 37 x 37 x 9 (cm) each
<b>Weight</b>	Unpacked radio 2.5Kg Each
<b>Dust and Waterproof</b>	Ip66 Certified
<b>Mounting Bracket</b>	3 Axis Magnesium alloy , wall or pole mount (included in kit)
<b>Environment</b>	
<b>Operating Temperature</b>	-20~70°C (Storage -40~90°C )
<b>Humidity</b>	0~95% (non-condensing)
<b>Other</b>	
<b>Warranty</b>	2 Year Parts and labour
<b>MTBF</b>	60000 Hrs
<b>Pack Contents</b>	2x 11n MAX XT, 2 x POE injector, 2 x Mounting bracket sets



'Link in a Box'

## 11n Series Product Information

**MODEL: AIRBR-MAX300XT**

11n BRIDGE300 XT - Up to 300Mbps

◆11n up to 240Mbps data throughput radio, DFS, TPC, IEEE802.11n, HT-OFDM, WPA, WPA2, WEB webManagement, AP, AP Client, and Bridge, POE. External antenna.

**Model: AIRBR-MAX300XT-EXT**



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